

## **Safety Containers**

The safest way to store flammable and combustible liquids for an extended period are safety containers from stainless steel. These products are designed to protect substances from explosion in case of fire. Their use is required for many industry or laboratory applications, sometimes even by respective safety regulations. Safety containers from stainless steel increase the safety of staff, minimize the consequences of fire or accidents and support environmental protection. All concept regarding corporate fire and work protection should evaluate such containers to increase work safety as well as fire and environmental protection.

### **Safety containers from stainless steel provide double protection**

Unlike plastic containers, stainless steel containers are highly heat resistant. They protect against explosion in the event of increased heat due to fire or other circumstances. This is achieved in two ways: each container has a flame trap made of special stainless steel gauze, which is fixed in the container neck. In case of fire, flames will not get in contact with the substance inside the container, even if the closure is left open. In addition, each container is equipped with a pressure control valve to protect against explosion caused by accumulating pressure inside the container. The valve is integrated in the screw cap or in the metering device. Pressure, which can accumulate either by heat or by the substance itself, will be released from the container automatically.

### **Safe storage of solvents, acids and other chemicals**

Inflammable, combustible and corrosive substances such as solvents, acids or other chemicals are often essential to industry, science or research. But their use brings along significant risks. Roetzmeier Safety Containers from stainless steel allow to store and transport these substances safely. They are superior to those containers made from glass or plastic with respect to their robustness and heat resistance.

In the event of fire, materials stored in Roetzmeier Safety Containers are protected against ignition and explosion. Using these containers significantly increases the time available for building evacuations and fire fighting itself, the risk of increased damage caused by explosions can be reduced this way. Storage in safety cabinets additionally increase the period of protection against explosion. Especially in comparison to glass products stainless steel canisters also save space and provide options for storing larger volumes in safety cabinets.

Safety containers can be used in many different areas. This includes as industrial or laboratory containers during daily work inside industrial companies, laboratories, research facilities or universities, or to store hazardous goods. Special approved safety transportation containers allow for a safe transfer of hazardous goods on public transportation routes (UN transports).

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About:

Roetzmeier Safety Containers is a german based manufactory with regional sourcing. The family owned business is located in Salzkotten, a city in the geographical heart of Germany. With more than 45 years of experience in working with stainless steel and persistent efforts for innovations and improvements in safety techniques products from Roetzmeier Safety Containers offer quality at the best for working with hazardous goods.

More information: <http://www.roetzmeier.com>